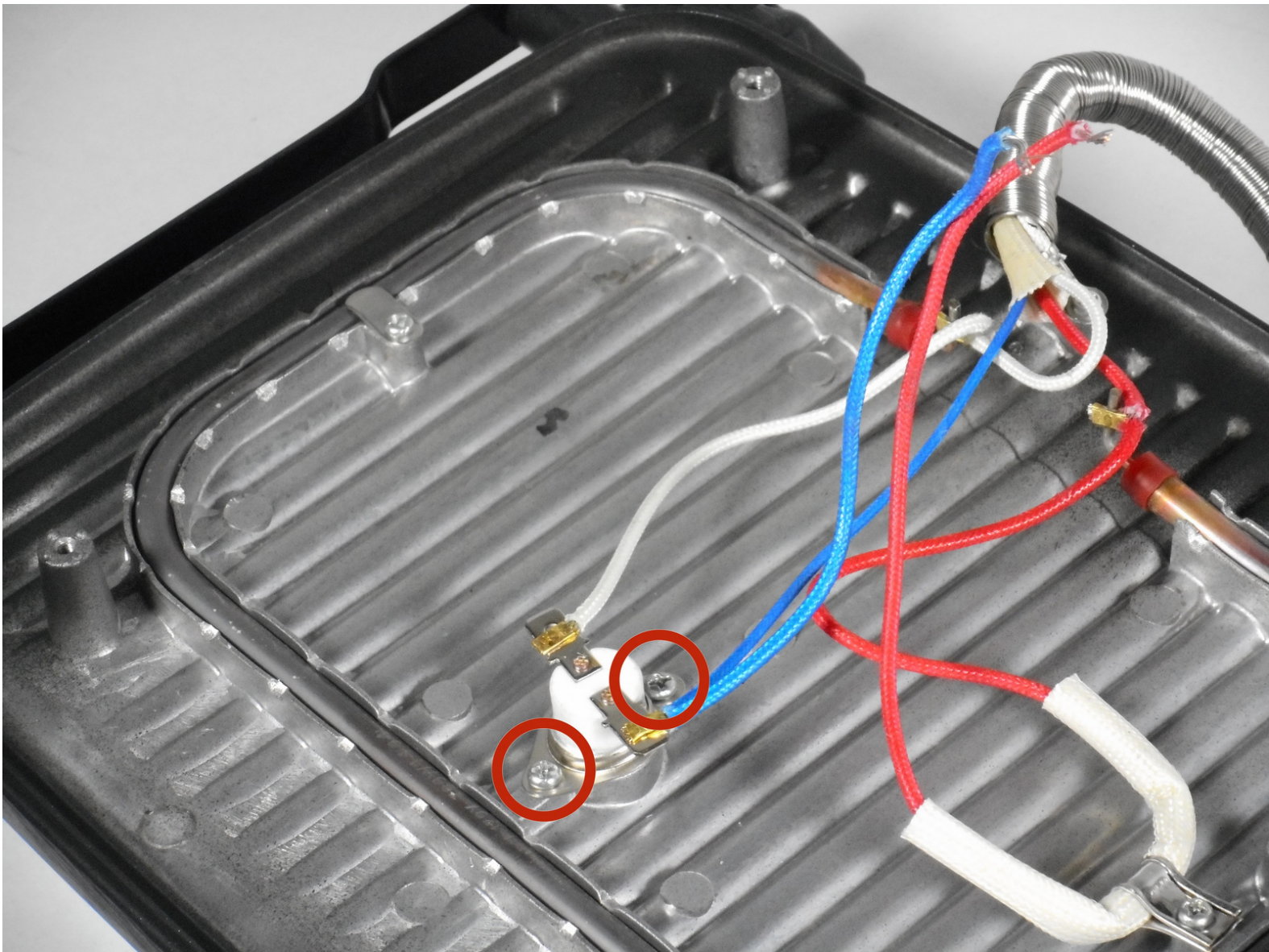




Hamilton Beach 25460Z Bottom Heating Element Solders Replacement

This guide will explain how to remove the necessary pieces in order to replace the broken solders connecting the bottom heating element to the wiring.

Written By: Forrest Rodeman



INTRODUCTION

This guide requires basic soldering skills and confidence working with delicate wiring. It also requires a pair of sturdy pliers.

If you are unfamiliar with soldering and de-soldering, make sure to check out iFixit's [Soldering Skills page](#) before attempting this replacement!




TOOLS:

- [Phillips #2 Screwdriver](#) (1)
 - [T10 Torx Screwdriver](#) (1)
 - [Small Needle Nose Pliers](#) (1)
 - [Soldering Station](#) (1)
 - [Solder](#) (1)
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Step 1 — Plug Wiring



 Unplug your device before proceeding with disassembly.

- Remove the four 14mm screws from the bottom of the Panini Press using the T10 Screwdriver.

Step 2



- Lift up the plastic cover to expose the plug wiring.
- ✦ Mark the plug wire connected to the red wire with a piece of tape. This will be used as a reference for reassembly.

Step 3



- Use the pliers to pinch the widest point of the cap. This should be done opposite of the already existing crimps.
- Slide off the white cap.
- Repeat these steps for the second white cap.

Step 4



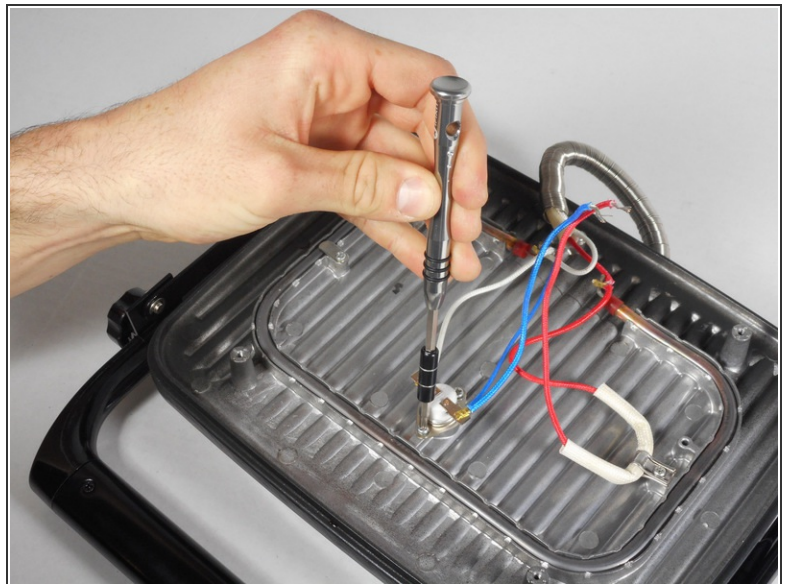
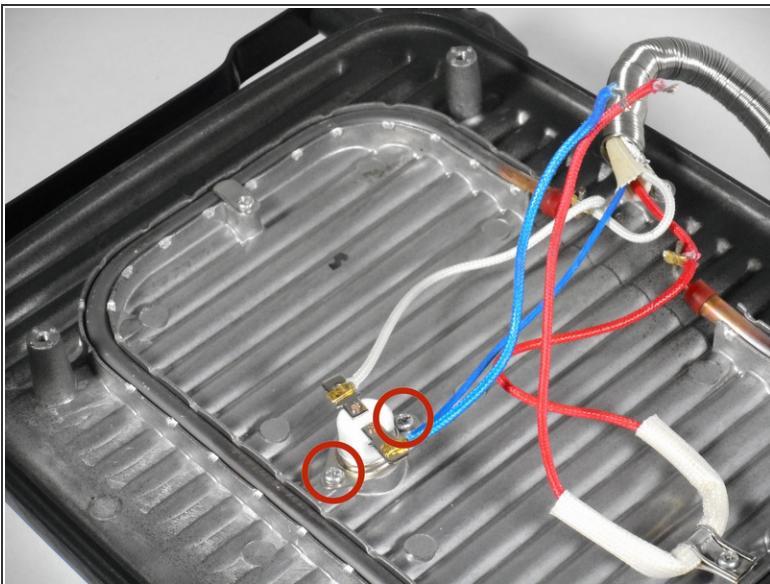
- Remove the two rubber screw covers from the bottom of the Panini Press.
- Remove the four uncovered 10mm screws with the PH2 Screwdriver.

Step 5




- Lift the plastic lower heating element up and place to the side for reassembly. You have now disconnected the plug wiring completely.

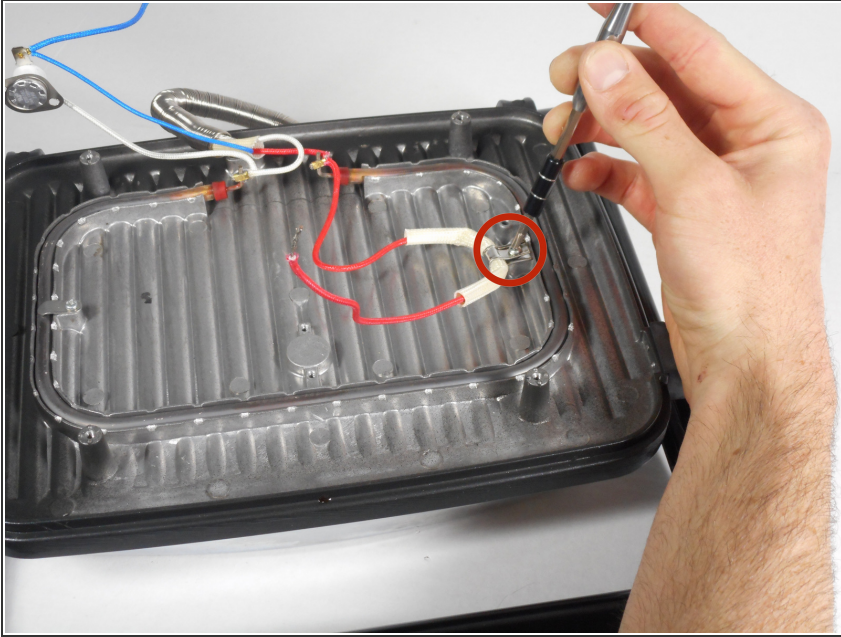
Step 6 — Bottom Heating Element Solders



- Using the PH2 screwdriver and a bit of force, remove the two 10mm screws holding the thermal switch to the cooking surface.

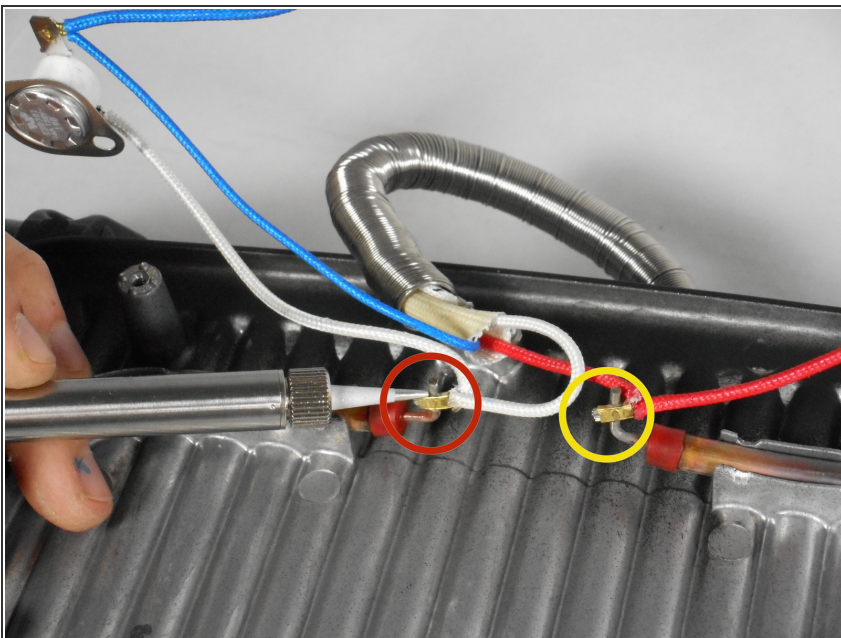
 These screws may be difficult to remove.

Step 7



- Using the PH2 screwdriver, remove the single 10mm screw connecting the red wiring cover to the cooking surface.

Step 8



- Now pull both the thermal switch and the red wire to the back of the press, allowing easier access to the heating element leads.
- Replace the missing solder.
- The left lead, marked with a red circle, is connected to 2 white wires.
- The right lead, marked with a yellow circle, is connected to 2 red wires.

To reassemble your device, follow these instructions in reverse order.